

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
 REQUEST FOR FILING NATIONAL PATENT APPLICATION
Under 35 USC 111(a) and Rule 53(b)

12/28/01

Hon. Commissioner of Patents
 Washington, D.C. 20231

WITH SIGNED DECLARATION

PATENT APPLICATION

NONPROVISIONAL
 NON REISSUE
 NON PCT NAT PHASE



00909



Sir:

Herewith is the PATENT APPLICATION of
 Inventor(s): DINGS

Title MANAGEMENT OF FILE EXTENT MAPPING TO HASTEN
 MIRROR BREAKING IN FILE LEVEL MIRRORED BACKUPS

Atty. Dkt.: P 280213 | EMC-0-068
 M# | Client Ref

including:

Date: December 28, 2001

1. Specification: 24 pages (only spec. and claims) 2. Specification in non-English language

3. Declaration Original Facsimile/Copy Abstract 1 page(s); 12 numbered claims

4. Drawings: 8 sheet(s) informal; formal of size: A4 11"

5. See top first page re prior Provisional, National or International application(s). ("X" box only if info is there and do not complete item 6 or 7). (Prior M# SN)

6. This application claims benefit of the following prior US application(s), the contents of which are incorporated into this application by this reference:

No. / filed _____
 No. / filed _____
 No. / filed _____
 No. PCT / filed _____, Which
 designated the US and that International Application was was not published under PCT Article 21(2) in English

7. See the attached Preliminary Amendment, which amends the specification to claim benefit of the above listed US application(s)

8. Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.

9. Assignee (optional): _____

Address _____

10. FOREIGN priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in _____

11. _____ (country)

Application No.	Filing Date	Application No.	Filing Date
(1)		(2)	
(3)		(4)	
(5)		(6)	
(7)		(8)	
(9)		<input type="checkbox"/> See 3 rd page for additional priorities	

12. _____ (No.) Certified copy (copies): attached; previously filed (date) _____
 in U.S. Application No. / filed on _____

13. Small entity status is not claimed; is claimed (Pre-filing confirmation required)

13(a). Attached: _____ (No.) Small Entity Statement(s) (since 9/8/00 small entity statement(s) not essential to make claim)

13(b). See NONPUBLICATION REQUEST under Rule 213(a) attached (Pat-258)

14. **DOMESTIC/INTERNATIONAL** priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1)		(4)	
(2)		(5)	
(3)		(6)	

15. This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application.

16. Attached:

17. Preliminary Amendment:

THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED

		Large/Small Entity		Fee Code
18. Basic Filing Fee		\$740/\$370	\$740	101/201
19. Total Effective Claims	12	minus 20 = *0	x \$18/\$9 = + 0	103/203
20. Independent Claims	1	minus 3 = *0	x \$84/\$42 = + 0	102/202
*If answer is zero or less, enter "0"				
21. If any proper multiple dependent claim (ignore improper) is present, add (Leave this line blank if this is a reissue application)		+ \$280/\$140	+ 0	104/204
TOTAL FILING FEE ENCLOSED = \$740				
23. If "non-English" box 2 is X'd, add Rule 17(k) processing fee		+ \$130	+ 0	139
24. If "assignment" box 8 is X'd, add recording fee		+ \$40	+ 40	581
25. <input type="checkbox"/> Attached is a Petition/Fee under Rule No.		+ \$130	+ 0	122
TOTAL FEE ENCLOSED = \$780				

Our Deposit Account No. 03-3975

Our Order No. 23501

C#

0280213

M#



00909

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

**Pillsbury Winthrop LLP
Intellectual Property Group**

By Atty: Anthony L. Miele

Reg. No. 34393

Sig:

Fax: (703) 905-2500

Tel: (703) 905-2146

Atty/Sec: ALM/sdm

NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:

Inventor(s): DINGS

Atty Dkt: 23501 / 280213
C# _____ M# _____

Filed: Herewith

NOTE: Request will **NOT** be honored by PTO
if filed later than the application.
MUST be filed with the application initially.

Title: MANAGEMENT OF FILE
EXTENT MAPPING TO
HASTEN MIRROR
BREAKING IN FILE LEVEL
MIRRORED BACKUPS

NONPUBLICATION REQUEST UNDER RULE 213(a)

The attached new application is **NOT TO BE PUBLISHED** under 35 U.S.C. §122(b).

I hereby certify that the invention disclosed in the attached new application has not been
and will not be the subject of an application filed in another country, or under a multilateral
international agreement, that requires publication at eighteen months after filing.

This request is signed in compliance with the provisions of Rule 33(b) by the signature(s)
in one of the three columns below.

Respectfully Submitted,

Pillsbury Winthrop LLP

Inventor(s)

Assignee(s) of Record Per
Enclosed Assignment

Assignee: EMC CORP.

By Atty.: Anthony L. Miele

Reg. No.: 34393

Sig: _____
Name: Thomas L. DINGS
Date: 12/28/01

By _____

Sig: _____
Name: _____
Title: _____
Date: _____

Sig: _____
Name: _____
Title: _____
Date: 12/28/01
Tel.: (703) 905-2146
Fax: (703) 905-2500

Sig: _____ Assignee:
Name: _____
Date: _____

By _____
Name: _____
Title: _____
Date: _____